

BORISENKO, Ivan Grigor'yevich

[First records in space] Pervye rekordy v Kosmose. Moskva, Mashinostroenie, 1965. 119 p. (MIRA 18:9)

Borisenko, I. K. "Gravimetry in Prospecting." *Geologia na Fronte Industrializatsii*, Rostov, No. 6, 1933, pp. 32-33.

Borisenko, I. K. "Functions and Problems of Gravimetry and Seismometry in Geological Surveying at the Borders of the North Caucasus and Donbas." *Geologiya na Fronte Industrializatsii*, Rostov, No. 10-12, 1933, pp. 82-84.

BORISENKO, I. K.

Borisenko, I. K. "Geophysics in the New Stage." *Geologiya na Fronte Industrializatsii*, Rostov, No. 6, 1935, pp. 29-32.

BCRISENKO, I.T. [Borysenko, I.T.]

Improved method for sharpening the edges of hammer knives on  
the ShPO-2 machine of the breaker-scatcher unit. Len. prom.  
no.3:68 J1-S '65. (MIRA 18:9)

BORISENOK, I.T.

Control system with doubling actuating organs in the presence of  
dry friction. Vest. Mosk. un. Ser.1:Mat., mekh. 19 no.3:75-86  
My-Je '64. (MIRA 17:6)

1. Kafedra prikladnoy mehaniki Moskovskogo universiteta.

KOLCHAGINA, R.P.; SOKOL, G.P.; ANTONOVICH, V.I.; MECHISLAVSKIY, Ye.A.;  
BRONOVA, V.I.; BORISENKO, I.V.

Biochemical and histomorphological characteristics of chronic  
experimental alcohol intoxication. Akt. vop. pat. pech. no.2:178-  
200. 1963. (MIRA 18:8)

BORISENKO, I. V.

Technology

Technique of fire prevention in motion-picture projector installations, Moskva, Goskinoizdat, 1950.

9. Monthly List of Russian Accessions, Library of Congress, March 195~~3~~<sup>2</sup> Unclassified.

BORISENKO, Ivan Vasilyevich; EISYMONT, L.O. redaktor; CHICHERIN, A.N.  
vknicheskij redaktor.

[Safety engineering for moving-picture theaters] Tekhnika  
bezopasnosti na kinoustanovkakh. Moskva, Gos. izd-vo "Iskusstvo,"  
1955. 159 p. (MIRA 8:7)  
(Moving-picture theaters--Safety measures)

BORISENKO, Ivan Vasil'yevich; BOGATOVA, V.S., red.; PODSHYABYAKIN, I.N.,  
tekhn. red.

[Safety engineering in motion-picture theaters and film supply  
points] Tekhnika bezopasnosti na kinoustanovkakh i fil'mobazakh.  
Izd.3., ispr. i dop. Moskva, Gos. izd-vo "Iskusstvo," 1961.

(MIRA 14:8)

(Motion-picture theaters--Fires and fire prevention)  
(Industrial accidents)

*BORISENKO, I. V.*

USSR/ Engineering - Machine tools

Card 1/1      Pub. 103 - 2/25

Authors      :    Borisenko, I. V.; Vragov, Yu. D.; and Bulatov, M. V.

Title         :    Plastic disc guide-wheels for vertical lathes

Periodical   :    Stan. i instr. 1, 5-8, Jan 1955

Abstract     :    A description is presented of the construction of textolite disc guide-wheels for the 1551 and 1553 vertical lathes, and results are given on testing the above discs under various operational conditions. Tables, graphs, drawing, illustration.

Institution   :    .....

Submitted    :    .....

BORISENKO, I.V.; KISELEV, A.V.; PETROVA, R.S.; CHUYKINA, V.K.; SHCHERBAKOVA, K.D.

Chemical modification of silica gel surface by methylchloro-  
silanes for gas chromatography. Zhur.fiz.khim. 39 no.11:2685-  
2690 N '65. (MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova,  
khimicheskiy fakul'tet.

ANTONOVICH, V.I.; BORISENKO, I.V.; MOLCHAGINA, R.P.; SOKOL, G.P.

Distribution of proteins and enzymes in the subcellular  
hepatic structures and morphological characteristics in  
experimental chronic alcohol intoxication. Akt.vop.pat.pech.  
no.3:197-209 '65. (MIRA 18:11)

BORISENKO, I. YE.

BORISENKO, I. YE.- "Investigation of Technological Effectiveness of Conditioning Wheat with High Gluten Content." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955 (Dissertations For Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

BORISENKO, K.

Director of Khrushchev Industrial Institute (1949)

"In the Scientific Center of the Donets Basin," (1949)

Current Digest of the Soviet Press, vol. 1, no. 16, 1949, page 60

BORISENKO, K. G.

BORISENKO, K. G.: "The architectural and planning aspects of tall residence buildings of the block type, based on experience in building tall residence buildings in Moscow". Moscow, 1955. Academy of Architecture USSR. (Dissertations for the Degree of Candidate of Architectural Sciences.)

SO: Knizhnaya Letopis' No. 50. 10 December 1955. Moscow.

L 19393-66 EWT(m)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b)/ETC(m) MJW/JD/WH/DJ  
ACC NR: AP5028410 SOURCE CODE: UR/0229/65/000/010/0043/0046

AUTHORS: Borisenko, K. I.; Durmashkin, S. Sh.; Studenko, D. I.

30  
B

ORG: none

TITLE: The possibility of eliminating greasing in longitudinal launching of ships from inclined building slips

SOURCE: Sudostroyeniye, no. 10, 1965, 43-46

TOPIC TAGS: ship construction, ship building/ ShKh15 steel

ABSTRACT: A new method for launching ships from inclined building slips is presented. After a discussion of possible use of solid lubricants such as teflon on the ways, these materials are discarded as impractical because of high friction coefficients. Ball and roller type cradles used by the Japanese since 1947, by the British since 1961, and (improved) by the Germans in 1962 have disadvantages such as jamming of rollers and loss of part of the balls and rollers into the harbor during launching. The authors present a new type of cradle (as per Author Certificate No. 165387, 8/V, 1964) which has the balls guided by flexible steel separators (see Fig. 1). The 90-mm diameter steel balls (ShKh15 steel) have a 2.5-ton load capacity with a 5--6 fold overload capability. The balls are placed at constant intervals of 250 mm in two (for ships weighing < 300 tons), three (7000-8000 tons), or more (> 8000 tons) rows. Calculations performed for several ship-building yards showed that modification costs

Card 1/2

UDC: 629.12.002.28

L 19398-66

ACC NR: AP5028410

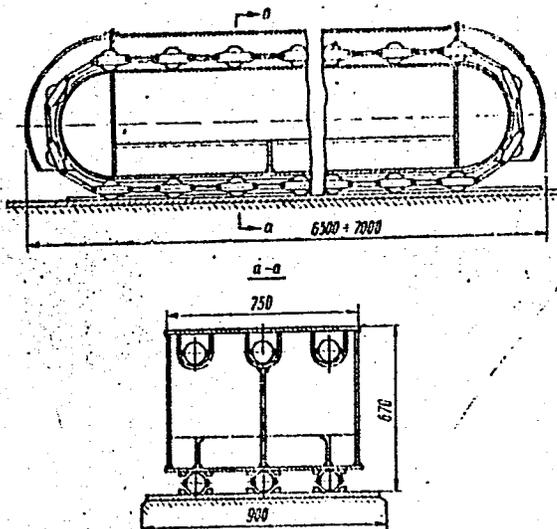


Fig. 1. Slide with ball bearing supports.

for the building slips (addition of steel races) would be recovered in 5--6 years and that elimination of the old method would save about 30 000 rubles annually. Tests have been performed with 1/6th scale models of the cradles. A friction coefficient of 0.025--0.029 was common, and the performance was excellent. These cradles could also be used for lateral ship launching or horizontal moving of large loads. Orig. art. has 4 figures and 1 table.

Card 2/2

ST

SUB CODE: 13/ SUBM DATE: none

BORISENKO, K.K.

Automatic maintenance of the required quality of returned condensate. *Energetik* 2 no.6:9-11 Je '54. (MLRA 7:7)  
(Condensers(Steam))

BORISENKO, K. S.,

"Study of the Operation of Pneumatic Motors in Mining Machinery." (Dissertation for Degree of Doctor Technical Sciences) Leningrad orders of Lenin and Labor Red Banner Mining Inst, Leningrad, 1955

SO: M-1036 28 Mar 56

PAK, V.S., professor, redaktor; BORISENKO, K.S., kandidat tekhnicheskikh nauk, dotsent, redaktor; DULIN, V.S., kandidat tekhnicheskikh nauk, dotsent, redaktor; BUSHKEL', A.R., otvetstvennyy redaktor; D'YAKOVA, G.B., redaktor izdatel'stva; ANDEMYEV, G.G., tekhnicheskiy redaktor; SABITOV, A., tekhnicheskiy redaktor. . (MIRA 10:11)

[Mine fans and ventilation equipment; proceedings of a conference on mine fan manufacturing] Shakhtnye ventilatory i ventilatornye ustanovki; trudy konferentsii po shakhtnoy ventilatorostroeniiu, g. Stalino, iina' 1955 g. Moskva, Ugletekhnisdat, 1957. 142 p.

1. Nauchno-tekhnicheskoye obshchestvo gornyakov. Stalinskoye oblastnoye otdeleniye. 2. Deystvitel'nyy chlen AN USSR (for Pak).. (Mine ventilation)

BORISENKO, Konstantin Stepanovich; NOSOV, A.N., otv.red.; MYASKOVSKIY,  
G.Yu., red.izd-va; ALADOVA, Ye.I., tekhn.red.

[Pneumatic drives for mining machinery] Pnevmaticheskie dvigateli  
gornykh mashin. Moskva, Ugletekhzdat, 1958. 203 p. (MIRA 12:1)  
(Mining machinery--Pneumatic driving)

BORISENKO, K.S., dots.

Preventing explosions in compressor installations. Bezop.truda v  
prom. 2 no.3:8-9 Mr '58. (MIRA 11:3)

1. Donetskij industrial'nyy institut.  
(Air compressors)

BORISENKO, K.S., dots.

Explosions in compressor stations. Izv.vys.ucheb. zav.; gor.zhur. no.6:  
121-129 ' 58. (MIRA 12:1)

1. Donetskij industrial'nyy institut.  
(Air compressors)

DORISENKO, K. S.

26

PHASE I BOOK EXPLOITATION

SOV/5473

Gornoye delo; entsiklopedicheskiy spravochnik. t. 8: Statsionarnoye elektromekhanicheskoye oborudovaniye. Elektrosnabzheniye shakht (Mining Industry; an Encyclopedic Handbook. v. 8: Stationary Electro-mechanical Equipment. Electric Power Supply to Mines) Moscow, Gosgortekhzdat, 1960. 784 p. Errata slip inserted. 18,500 copies printed.

Chief Ed.: A. M. Terpigorev (Deceased); Members of the Editorial Board: A. I. Baranov, F. A. Barabanov (Deceased), A. A. Boyko, V. K. Buchnev, A. N. Zaytsev; Deputy Chief Eds.: I. K. Kit and N. V. Mel'nikov; I. N. Plaksin, N. M. Pokrovskiy, A. A. Skochinskiy (Deceased), A. O. Spivakovskiy, I. K. Stanchenko, A. P. Sudoplatov, A. V. Topchiyev, S. V. Troyanskiy, A. K. Kharchenko, L. D. Shevyakov and M. A. Shchedrin; Editorial Board for this volume: Resp. Ed.: F. A. Barabanov; Deputy Resp. Ed.: Z. M. Melamed; N. A. Arzamasov, G. M. Yelanchik, V. K. Yefremov, B. I. Zasadych, I. M. Zhumakhov, N. A. Letov, P. P. Nesterov, I. A. Rabinovich, K. I. Skorkin, and V. A. Sumchenko; Authors: G. A.

Card 1/16

Mining Industry (Cont.)

SOV/5473

Babak, Candidate of Technical Sciences, V. D. Belyy, Professor, Doctor of Technical Sciences, K. S. Borisenko, Candidate of Technical Sciences, A. G. Borumenskiy, Candidate of Technical Sciences, I. V. Brusilovskiy, Candidate of Technical Sciences, A. R. Bushel', Candidate of Technical Sciences, V. P. Bukhgal'ts, Engineer, M. N. Vasilevskiy, Candidate of Technical Sciences, A. N. Vas'kovskiy, Engineer, B. N. Vlasenko, Engineer, I. Ya. Gershikov, Engineer, V. G. Geyer, Professor, Doctor of Technical Sciences, A. D. Dimashko, Engineer, V. S. Dulin, Candidate of Technical Sciences, I. L. Lokshin, Engineer, B. M. Melamed, Engineer, Yu. A. Mikheyev, Engineer, V. P. Morozov, Engineer, M. I. Mushkatin, Engineer, V. S. Pak, Academician, I. M. Perskaya, Engineer, N. M. Rusanov, Candidate of Technical Sciences, G. P. Savel'yev, Candidate of Technical Sciences, Ya. M. Smorodinskiy, Candidate of Technical Sciences, K. A. Ushakov, Honored Scientist and Technologist, Professor, Doctor of Technical Sciences, B. M. Furmanov, Engineer, and N. N. Chernavkin, Engineer. Eds.: Ya. M. Drozdov, Engineer, B. I. Zasadych,

Card 2/16

26

Mining Industry (Cont.)

SOV/5473

Candidate of Technical Sciences, N. S. Karpyshev, Candidate of Technical Sciences, N. A. Letov, Candidate of Technical Sciences, Z. M. Melamed, Candidate of Technical Sciences, Yu. A. Mikheyev, Engineer, V. P. Morozov, Engineer, V. I. Polkovskiy, Professor, Doctor of Technical Sciences, I. A. Rabinovich, Engineer, M. S. Rabinovich, Candidate of Technical Sciences, I. A. Raskin, Engineer, V. S. Tulin, Engineer, S. Ye. Unigovskiy, Engineer, K. A. Ushakov, Honored Scientist and Technologist, Professor, Doctor of Technical Sciences, M. M. Shemakhanov, Candidate of Technical Sciences, P. F. Shishkov, Candidate of Technical Sciences, and V. B. Yablonovskiy, Engineer; Eds. of Publishing House: N. A. Arzamasov and T. I. Rybal'nik; Tech. Ed.: V. L. Prozorovskaya and M. A. Kondrat'yeva.

PURPOSE: This handbook is intended for mining and mechanical engineers as well as for other skilled personnel of the mining industry concerned with the handling and operation of various installations and equipment used in mines.

Card 3/16

26

Mining Industry (Cont.)

SOV/5473

COVERAGE: Volume VIII of the mining handbook contains detailed information on mine hoisting installations, machines and equipment, mine ventilation units, duct systems, dewatering facilities, various types of pumps, pump meters, pumping stations, and the automatic remote control of these units. The handbook also describes and explains the operation of the air compression units and compressors. Heat-generating and heat-supply equipment of mines is described, as are the electric power supply systems and other electrical equipment such as transformers, power distribution systems, and grounding devices. Telephone communication and signaling systems used in mines are also treated. No personalities are mentioned. Each part of the handbook is accompanied by references, mostly Soviet.

TABLE OF CONTENTS [ Abridged ]:

PART I. MINE HOISTING UNITS

Card 4/16

Mining Industry (Cont.)

SOV/5473

PART IV. COMPRESSED AIR PLANTS AND  
AIR MOTORS USED IN MINES

(K. S. Borisenko, and A. G. Borumenskiy,  
Candidates of Technical Sciences)

Ch. I. Classification of Air-Compression Machines and the Field of Their Application	405
Ch. II. Piston Compressors	405
Ch. III. Rotary Sliding-Vane and Screw-Type Compressors	421
Ch. IV. Turbocompressors	423
Ch. V. Hydraulic Compressors	430

Card 11/16

STARIKOV, Nikolay Antonovich [deceased]; BORISENKO, K.S., otv. red.;  
TITOVA, N.M., red. izd-va; MATVIICHUK, A.A., tekhn. red.

[Principles of mining deep-seated ore deposits] Osnovy razra-  
botki rudnykh mestorozhdenii na bol'shikh glubinakh. Kiev,  
Izd-vo Akad.nauk USSR, 1961. 435 p. (MIRA 15:1)  
(Mining engineering)

BORISENKO, Konstantin Stepanovich; BORUMENSKIY, Aleksandr Grigor'yevich, dots.; DULIN, Vladimir Sergeevich, dotsent; RUSANOV, Nikolay Mikhaylovich, dotsent; PLOTNIKOV, K.S., otv. red.; D'YAKOVA, G.B., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.; BOLDYREVA, Z.A., tekhn. red.

[Mining mechanics]Gornaia mekhanika. [By]K.S.Borisenko i dr. Moskva, Gosgortekhzdat, 1962. 406 p. (MIRA 15:10)

1. Chlen-korrespondent Akademii nauk Ukrainskoy SSR (for Borisenko).

(Mining machinery)

BORISENKO, K.S.

Areas of using pneumatic energy in coal mines: Using  
pneumatic energy in coal mines. Ugol' 38 no.12:24-27 '63.  
(MIRA 17:5)

1. Institut gornogo dela im. M.M. Fedorova.

BORISENKO, Klavdiya Yegorovna, Geroy Sotsialisticheskogo Truda;  
ITUNINA, R.G., red.

[We are reducing the cost of production] Snizhaem sebe-  
stoimost' produktsii. Voronezh, Tsentral'no-Chernozemnoe  
knizhnoe izd-vo, 1964. 42 p. (MIRA 18:1)

1. Predsedatel' kolkhoza "Rossiya" Kurskoy oblasti,  
Kurskogo rayona (for Borisenko).

BORISENKO, L., kapitan dal'nego plavaniya.

Full utilization of fleet potentials. Mor.1 rech.flot 13 no.6:14-15 0 '53.  
(MLRA 6:10)

(Black Sea--Merchant marine) (Merchant marine--Black Sea)

BORISENKO, L.

Radio aid for flight. Kryl.rod. 12 no.4:20 Ap '61.

(MIRA 14:7)

1. Nachal'nik sluzhby svyazi Upravleniya aviatsionnoy  
podgotovki i aviatsionnogo sporta Tsentral'nogo komiteta  
Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.  
(Radio in aeronautics)

BORISENKO, L.A.

Distribution of gallium in rocks of the Soviet Union [with summary in English]. Geokhimiia no.1:46-59 '59. (MIRA 12:2)

1. Department of Geochemistry, M.V. Lomonosov Moscow State University.  
(Gallium)

BORISENKO, L.B., redaktor; ATTOPOVICH, M.K., tekhnicheskiy redaktor.

[Mine hoists; collection of articles] Rudnichnyi pod'em; sbornik  
statei. Moskva, Gos. izd-vo lit-ry po chernoj i tsvetnoi metallurgii,  
1953. 440 p. (MIRA 7:7)  
(Mine hoisting)

FROLOV, A.G., doktor tekhn.nauk; BORISENKO, L.D., kand.tekhn.nauk;  
TYURKIN, M.N., inzh.; ZHILIN, A.M., inzh.; RABINOVICH, Yu.M.,  
inzh.; POLOSUEHIN, A.Ya., inzh.

Loading machines for high-pressure hydraulic conveying of  
coal and rocks. Ugol' Ukr. 3 no.10:13-16 0 '59.

(MIRA 13:2)

(Hydraulic mining) (Mine haulage)



BELYAYEV, V.S.; BORISENKO, L.D.; BORISENKO, E.V.; KORABLEV, A.A.;  
KOLYSHKIN, O.M.; KUTLUNIN, V.A.; Malyagin, M.S.; SOKOLOV, A.I.;  
CHUDAKOV, A.I.; ABRAMOV, V.I., *otv.red.izd-va*; BOLDYREVA, Z.A.,  
*tekhn.red.*

[Manual for the coal mine mechanic] Spravochnik mekhanika  
ugol'noi shakhty. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po  
gornomu delu, 1960. 612 p. (MIRA 13:12)  
(Coal mining machinery)

BORISENKO, L. D., kand. tekhn. nauk; RESHETNEV, Ye. K., inzh.

Basic principles in the selection of the parameters of cyclical  
feeders. Mekh. i avtom. v gornoi prom. no.2:161-185 '62.  
(MIRA 16:1)

(Mining machinery)

SPIVAKOVSKIY, Aleksandr Onisimovich; MUCHNIK, Vladimir Semenovich, doktor tekhn. nauk; YUFIN, Andrey Pavlovich, doktor tekhn. nauk; SMOLDYREV, Anatoliy Yevtikheyevich, kand. tekhn. nauk; OFENGENDEN, Naum Yefimovich, kand. tekhn. nauk; BORISENKO, Lev Dmitriyevich, kand. tekhn. nauk; TRAYNIS, Viulen Vladimirovich, kand. tekhn. nauk; Prinimali uchastiye: KURBATOV, A.K., inzh.; MARKOV, Yu.A., inzh.; KORSHUNOV, A.P., inzh.; EKBER, B.Ya., otv. red.; KOVAL', I.V., red.izd-va; IL'INSKAYA, G.M., tekhn. red.

[Hydraulic and pneumatic transportation in mining enterprises]Gidravlicheskiy i pnevmaticheskii transport na gornyykh predpriyatiyakh. Moskva, Gosgortekhzdat, 1962. 250 p.  
(MIRA 16:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Spivakovskiy).
  2. Institut gornogo dela im. A.A.Skochinskogo (for Smoldyrev).
  3. Vsesoyuznyy nauchno-issledovatel'skiy i projektno-konstruktorskiy institut po gidrodobyche uglya (for Muchnik).
  4. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Ofengenden).
  5. Moskovskiy inzhenerno-stroitel'nyy institut im. V.V.Kuybysheva (for Yufin).
- (Pneumatic conveying) (Hydraulic conveying)

BORISENKO, L.D., kand. tekhn. nauk

Means for the hydraulic transportation and hoisting of rock.  
Ugol' 39 no.9:72-74 S '64.

(MIRA 17:10)

BORISENKO, L.D., kand. tekhn.nauk; SHAVRINA, R.F., red.

[Flow sheets and units of equipment for the hydraulic hoisting and transportation of coal and rock with the use of feeders; report at the All-Union Conference of Coal Industry Planners] Tekhnologicheskie skhemy i komplekсы oborudovaniia dlia gidravlicheskogo pod"ema i transporta uglia i porody s primeneniem pitatelei; doklad na Vsesoiuznom soveshchanií proektirovshchikov ugol'noi promyshlennosti. Moskva, Institut gornogo dela im. A.A.Skochinskogo, 1964. 17 p. (MIRA 18:3)

BORISENKO, L.F.

Geochemistry of scandium. Trudy Inst. min., geokhim. i kristallo-  
khim. red. elem. no.1:14-22 '57. (MIRA 11:6)  
(Scandium)

AUTHORS: Borisenko, L. F., Lizunov, N. V. 1958-03/15

TITLE: On the Distribution of Scandium in Wolframites (K voprosu o raspredelenii skandiya v volframitakh)

PERIODICAL: Geokhimiya, 1958, Nr 3, PP. 222 - 227 (USSR)

ABSTRACT: First the paper gives a short survey of the papers hitherto published on the scandium content of wolframites. Wolframites with the highest scandium content are usually found in pneumatolytical-hydrothermal deposits of the Greisen type. In the Soviet Union such deposits are to be found in Central Kazakhstan (Akchatau, Baynazar, Maytas), in Vostochnoye Zabaykal'ye (Sherlova gora), and in northeastern Asia (Polyarnoye). The structure and the mineral content of such deposits is discussed. Approximately 450 wolframite samples from 47 various deposits were investigated by means of spectral analysis. Control analyses which were carried out by N.P. Men'shova in the State Institute of Rare and Trace Metals (Gosudarstvennyy institut rezhikh i malykh metallov) showed a good agreement. The results are compiled according to groups in tables and then are discussed. The following conclusions can be drawn from the paper:

- 1) An increase of the scandium content (0.02 to 0.2%  $Sc_2O_3$ )

Card 1/2

On the Distribution of Scandium in Wolframites

1958-1-6/15

occurs as a rule in wolframites which are from pneumatolytical-  
 -highly hydrothermal deposits of the Greisen-type. 2) The  
 mean scandium content in wolframites from pneumatolytical-hydro-  
 thermal deposits (0.04%  $Sc_2O_3$ ) is at least one order of magni-  
 tude greater than the content of the wolframites from low-hy-  
 drothermal deposits (~ 0.002%  $Sc_2O_3$ ). 3) Scandium usually  
 occurs in wolframites and ferberites (up to 0.2%  $Sc_2O_3$ ); hübner-  
 rite has a lower content (up to 0.02%  $Sc_2O_3$ ). There are 3  
 figures, 6 tables, and 11 references, 7 of which are Soviet.  
 Institut mineralogii, geokhimii i kristalokhimii redkikh ele-  
 mentov, AN SSSR, Moskva (Moscow Institute of Mineralogy, Geo-  
 chemistry and the Crystal Chemistry of Rare Elements, AS USSR)  
 January 14, 1958

ASSOCIATION:

SUBMITTED:

- 1. Scandium---Abundance
- 2. Scandium---Sources
- 3. Tungsten ores---Analysis

Card 2/2

3(c)  
AUTHORS:

~~Borisenko, L. F.~~, Lizunov, N. V.

SOV/7-58-6-8/16

TITLE:

On the Distribution of Scandium and Niobium in Wolframites  
(K voprosu o raspredelenii skandiya i niobiya v vol'framitakh)

PERIODICAL:

Geokhimiya, 1958, Nr 6, pp 582 - 586 (USSR)

ABSTRACT:

V. M. Goldshmidt explained the scandium content of wolframites by the isomorphic substitution of  $\text{ScNbO}_4$  and  $\text{ScTaO}_4$  for  $\text{FeWO}_4$  and  $\text{MnWO}_4$  (Ref 1). F. Leutwein opposed this assumption (Ref 2). His thesis is proved by the authors' investigations: 350 wolframite samples from 48 deposits of the Soviet Union were analyzed. Among 234 scandium bearing samples, 59 did not contain niobium, 69 contained niobium and no scandium, 54 samples none of the two elements (Table 1). Scandium and niobium content do not run parallel (Fig 1). It is assumed that the excess is compensated by titanium or that  $\text{Sc}^{3+}$  is substituted for  $\text{Fe}^{2+}$  without compensation. A classification of the deposits according to the conditions of formation (Table 3) has the following result: Wolframites from high temperature deposits of the greisen type contain scandium, whereas niobium is absorbed by wolframite under both pneumatolytic

Card 1/2

On the Distribution of Scandium and Niobium in Wolf-ramites SOV/7-58-6-8/16

and hydrothermal conditions. There are 1 figure, 3 tables, and 3 references, 2 of which are Soviet.

ASSOCIATION: Institut mineralogii, geokhimii i kristalokhimii redkikh elementov AN SSSR, Moskva (Institute of Mineralogy, Geochemistry and Crystallochemistry of Rare Elements, AS USSR, Moscow)

SUBMITTED: April 12, 1958

Card 2/2

3(8), 3(0)

AUTHORS: Borisenko, L. F., Lizunov, N. V.

SOV/7-59-1-8/14

TITLE: On the Occurrence of Scandium and Some Other Rare Elements in Cassiterite (K voprosu o nakhozhdenii skandiya i nekotorykh drugikh redkikh elementov v kassiterite)

PERIODICAL: Geokhimiya, 1959, Nr 1, pp 64-68 (USSR)

ABSTRACT: Samples from 52 different deposits in the Soviet Union and 22 deposits in other countries were investigated. In all, more than 300 analyses were carried out which were devoted in the main to the determination of scandium and niobium (Tables 2 and 3). Cassiterites from pneumatolytic-hydrothermal deposits of the greisen type contain, on average, about 0.05%  $Sc_2O_3$  and, at the most 0.17%. Cassiterites from pegmatite- and sulfide-cassiterite veins hardly ever contain scandium. All scandium carrying cassiterites contain niobium (up to 2-3%  $Nb_2O_5$ ), tungsten and zirconium, some tantalum (tenths or hundredths of per cent). Niobium-carrying cassiterites, however, do not necessarily contain scandium (Table 1 and Diagram) which is especially apparent from cassiterites found in pegmatite deposits. Most probably isomorphous  $Sc^{+3}$

Card 1/2

SOV/7-59-1-8/14

On the Occurrence of Scandium and Some Other Rare Elements in Cassiterite

replaces  $\text{Sn}^{+4}$  whereby the charge may be balanced out by  $\text{Nb}^{+5}$  ions. There are 1 figure, 3 tables, and 8 references, 6 of which are Soviet.

ASSOCIATION: Institut mineralogii, geokhimii i kristalokhimii redkikh elementov AN SSSR, Moskva  
(Institute of Mineralogy, Geochemistry, and Crystallochemistry of Rare Elements, AS USSR, Moscow)

SUBMITTED: September 19, 1958

Card 2/2

BORISENKO, L.F.

Scandium in rare earth minerals. Trudy Inst.min., geokhim.i  
kristalokhim.red.elem. no.2:78-83 '59. (MIRA 15:4)  
(Scandium) (Rare earths)

3 (5)

SOV/11-59-4-4/16

AUTHOR: Borisenko, L. F.

TITLE: Scandium in Deposits of Different Genetic Type (Skandiy v mestorozhdeniyakh razlichnykh geneticheskikh tipov)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 4, pp 53 - 60 (USSR)

ABSTRACT: Scandium (Sc) as an element is almost unknown because of its extremely wide dispersion. Its content in minerals is calculated in thousandths of 1%. It forms only two extremely rare minerals - thortveitite and bazzite. The Institute of Mineralogy, Geochemistry and Crystallochemistry of Rare Elements of the AS USSR (IMGRE) found traces of it in many minerals such as wolframites, columbites, cassiterites, zirconium, etc. where its content vacillates between 0,01 and 0.2%. Scandium bearing deposits are either of pegmatite or pneumatolytic-hydrothermal types. Research also showed a genetic connection of endogenetic scandium-bearing deposits with granites, and deposits of wolframites, cassiterites and beryllium can be a possible source for the

Card 1/2

Scandium in Deposits of Different Genetic Type

SOV/11-59-4-4/16

extraction of scandium. The names of V. I. Noddak, F. Ya. Saprykin and A. B. Travin are mentioned in the text. There is 1 table and 12 references, 8 of which are Soviet, 1 Norwegian and 3 German.

ASSOCIATION: Institut mineralogii, geokhimii i kristalokhimii redkikh elementov AN SSSR (The Institute of Mineralogy, Geochemistry and Crystallochemistry of Rare Elements of the AS USSR) Moscow.

SUBMITTED: March 15, 1958.

Card 2/2

3 (0)

AUTHORS:

Ivanov, V. V., Borisenko, L. F.,  
Lizunov, N. V.

SOV/20-125-3-40/63

TITLE:

Scandium in the Minerals of the Quartz Veins and Greisens of  
One of the Intrusions of the Polousnyy Range ( Skandiy v  
mineralakh kvartsevykh zhil i greyzenov odnoy iz intruziy khr.  
Polousnogo)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 3, pp 608-610  
(USSR)

ABSTRACT:

Scandium is usually widely disseminated in nature; however, in the last stages of crystallization, while pegmatite and pneumatolytic-hydrothermal processes reign, scandium can become concentrated. The formation of wolframite-cassiterite are, in this consideration, most interesting. A review of the publications on such scandium concentrations is given (Refs 1-4). In 1955 the authors found scandium in quartz-tin-tungsten veins of the granite massif of the Polousnyy Range. With respect to the genesis and mineralogical-geochemical characteristics, these occurrences have much in common with those of Zinnwald (Erzgebirge). The massif in concern is described. The primary vein minerals are: quartz, topaz, zinnwaldite, muscovite, and fluorite.

Card 1/3

Scandium in the Minerals of the Quartz Veins and  
Greisens of One of the Intrusions of the Polousnyy Range

SOV/20-125-3-40/63

Ore minerals are: wolframite, arsenopyrite, sphalerite, molybdenite, minor galena, pyrite, chalcopyrite, bismuthite and native bismuth. Scandium was found in wolframite, cassiterite, and zinnwaldite (Table 1, Figs 1-3). The chemical analysis (analyst: S. N. Fedorchuk,) shows, after adapting to the chemical formula, that huebnerite molecules predominate over ferberite molecules. The minimum amount of  $Sc_2O_3$  in wolframite was  $\sim 0.05\%$ , the maximum  $\sim 0.1\%$ , the average  $\sim 0.07\%$ . Noteworthy amounts of niobium ( $\sim 0.2\%$ ) and titanium (up to  $0.05\% TiO_2$ )

were also found in all the samples. In individual sample tantalum was found. The scandium content is also given for the two other minerals in which it is found. There are 3 figures, 1 table, and 4 references, 2 of which are Soviet.

## ASSOCIATION:

Institut mineralogii, geokhimi i kristalokhimi redkikh elementov Akademii nauk SSSR (Institute for Mineralogy, Geochemistry, and Crystal Chemistry of the Rare Elements, of the Academy of Sciences, USSR)

Card 2/3

Scandium in the Minerals of the Quartz Veins  
and Greisens of One of the Intrusions of the Polousnyy Range

SOV/20-125-3-40/63

PRESENTED: May 23, 1958, by D. I. Shcherbakov, Academician

SUBMITTED: May 22, 1958

Card 3/3

BORISENKO, L. F.

"Geochemistry of scandium"

Paper submitted at the International Geological Congress XXI Session -  
1960 (Reports of Soviet Geologists) Problem No. 1, 15-24 Aug. 61

S/081/61/000/020/024/089  
B138/B110AUTHORS: Borisenko, L. F., Shoerbina, V. V.

TITLE: Geochemistry of scandium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1961, 88, abstract  
20G13 (Sb. "Geokhim. tsikly", M., Gosgeoltekhizdat, 1960,  
84-92)

TEXT: Sc is a typical dispersed element. In all igneous rocks its concentration varies between 0.01 and 0.0001 %  $\text{Sc}_2\text{O}_3$ . According to 50 assays of samples from igneous intrusions in the USSR, the average  $\text{Sc}_2\text{O}_3$  concentration is (%): ultrabasic 0.003, basic, 0.004, medium (diorites 0.0004, acid 0.0002. The concentration, about 0.006 %, has been found to be rather higher in gabbro-pegmatite vein formations. There is quite a lot of Sc (>0.01 %) in greisen and pegmatite minerals of four classes: oxides, tungstates, phosphates and silicates. It is quite usual for different concentrations of Sc to occur in minerals of the same paragenesis. In the paragenesis wolframite - beryl - mica the highest

Card 1/2

## Geochemistry of scandium

S/081/61/000/020/024/089  
B138/B110

concentration of  $\text{Sc}_2\text{O}_3$  is in the wolframites. In a typical rare-earth deposit in the USSR for instance, the concentrations are (%): wolframite 0.055, beryl 0.03 and muscovite 0.01. It is typical for the Sc inclusion to be in isomorphous form. In the main rock-forming minerals in which it is dispersed, Sc has heterovalent isomorphism of the first kind, where the Sc ion either substitutes 2-valent Fe or Mg according to the scheme:  $\text{Sc}^{3+} + \text{Al}^{3+} \rightarrow \text{Fe}^{2+} + \text{Si}^{4+}$ . Isovalent substitutions ( $\text{Sc}^{3+} \rightarrow \text{TR}^{3+}$ ) and heterovalent isomorphism of the first and second kind (with  $\text{Zr}^{4+}$  and  $\text{Sn}^{4+}$ ) are typical of pegmatite minerals and pneumatolito-hydrothermal formations. In wolframites of the high temperature pneumatolito-hydrothermal deposits of the greisen type, the average  $\text{Sc}_2\text{O}_3$  concentration is 0.045 % (238 samples), and in hydrothermal deposits it is 0.002 % (232 samples). The same thing is found in cassiterites (0.05 and 0.006 %). There is quite a lot of Sc in wolframites with 10-17 % FeO and in typical ferberites. The main concentrations of Sc in post-magmatic endogenic deposits are connected with granite magma. [Abstracter's note: Complete translation.]

Card 2/2

S/020/60/135/002/033/036  
B016/B052

AUTHORS: Borisenko, L. F. and Komissarova, L. N.  
TITLE: Scandium in the Minerals of the Tungstite Group  
PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 2,  
pp. 430-433

TEXT: The authors discuss the distribution character of scandium in three minerals of the tungstite group: hübnerite, tungstite, and ferberite. Against all expectations (V. M. Gol'dshmidt, Ref. 2; Ref. 3), there exists no direct relation between the content of Sc and that of divalent iron. The author proved an increased Sc content in all of the three above metals, irrespective of the ratio FeO : MnO. The material collected and evaluated by the authors shows that the average Sc<sub>2</sub>O<sub>3</sub> content in the minerals of the tungstite group of greisen-type deposits exceeds that of typically hydrothermal deposits by at least one order of magnitude (Ref. 5). In the former case, scandium-bearing tungstite is in paragenesis with high-temperature quartz, topaz, mica, beryl, and some

Card 1/4

Scandium in the Minerals of the Tungstite Group

S/020/60/135/002/033, 036  
B016/B052

other minerals (Table 2). In the latter case, however, paragenesis occurs mainly between Sc-bearing tungstite, hübnerite, and sulfides: pyrrhotite, pyrite, chalcopyrite, arsenopyrite, and bismuthinite. The authors explain the occurrence of the whole series of Sc-bearing minerals in the tungstite group among minerals of high-temperature paragenesis by the small difference in the lattice energies ( $U$  in kcal/mole) of their outermost links. Among the above compounds, however, Sc-bearing tungstite and ferberite occur more frequently than Sc-bearing hübnerite since the lattice energy of the two first-mentioned minerals is higher. In various deposits, the formation of Sc-bearing ferberite, tungstite, or hübnerite was dependent on the composition of the solutions. When examining tungstites of different genesis, the authors found that the physico-chemical conditions in the neighborhood of the forming ore body, namely, temperature, pressure and kind of solution determined the composition of the Sc-bearing minerals and their Sc content. The higher the temperature and pressure during the sedimentation of the minerals, the faster was the inclusion of scandium in the minerals of the tungstite group. If these minerals occur among those of high-temperature

Card 2/4

Scandium in the Minerals of the Tungstite Group

S/020/60/135/002/033/036  
B016/B052

paragenesis, they often contain larger amounts of Sc. The Sc content in minerals of the tungstite group belonging to the lower-temperature formation, is usually low or below the sensitiveness of the analytical method applied. The authors believe that scandium was included in the lattices of these minerals as scandium tungstate, niobate, or tantalate. They synthesized such highly stable compounds. Analyses by P. V. Diomidova, I. A. Bogdanovich, V. I. Tsirel'nikov, M. V. Kukharchik, V. M. Senderova, S. N. Fedorchuk, M. M. Povilaytis, and N. V. Lizunov, and a paper by A. Ye. Fersman (Ref. 6) are mentioned. L. I. Agapova supplied mineral samples. V. M. Shatskiy cooperated in the synthesis of tungstates. There are 2 tables and 6 references: 4 Soviet and 1 German.

ASSOCIATION: Institut mineralogii, geokhimii i kristalokhunii redkikh elementov Akademii nauk SSSR (Institute of Mineralogy, Geochemistry, and Crystallochemistry of Rare Elements of the Academy of Sciences USSR). Moskovskiy gosudarstvennyy Universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

Card 3/4

Scandium in the Minerals of the Tungstite  
Group

S/020/60/135/002/033/036  
B016/B052

PRESENTED: April 14, 1960, by D. I. Shcherbakov, Academician

SUBMITTED: April 13, 1960



Card 4/4

BORISENKO, Leonid Fedorovich; VLASOV, K.A., glav. red.; SHCHERBINA, V.V.,  
doktor geol.-min. nauk, otv. red.; VERSTAK, G.V., red. izd-va;  
GUS'KOVA, O.M., tekhn. red.

[Scandium; main features of its geochemistry, mineralogy, and  
genetic types of deposits] Skandii; osnovnye cherty geokhimii,  
mineralogii geneticheskie tipy mestorozhdenii. Moskva, Izd-vo  
Akad. nauk SSSR, 1961. 128 p. (MIRA 14:10)

1. Chlen-korrespondent AN SSSR (for Vlasov).  
(Scandium)

BORISENKO, L.F.

Trace elements and genesis of ultrabasites of the Nizhniy Tagil  
Massif. Geokhimiia no.12:1115-1123 '61. (MIRA 15:3)

1. Institute of Mineralogy, Geochemistry and Crystal Chemistry  
of Rare Elements, Academy of Sciences U.S.S.R., Moscow.  
(Ural Mountains--Trace elements) (Ural Mountains--Ultrabasite)

BORISENKO, L.F.; SOSNOVSKAYA, L.I.

Zirconium and hafnium content in thortveitite. Izv. AN SSSR, Ser.-  
geol. 26 no.8:101-103 Ag '61. (MIRA 14:9)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elemen-  
tov AN SSSR, Moskva.  
(Zirconium) (Hafnium) (Thortveitite)

BORISENKO, L.F.; ZHURAVLEV, L.G.; SOSNOVSKAYA, L.I.

Reciprocal relation between the average concentration of scandium and some rock-forming elements in intrusive rocks. Dokl. AN SSSR 138 no.1:203-206 My-Je '61. (MIRA 14:4)

1. Institut mineralogii, geokhimii i kristalokhimii redkikh elementov Akademii nauk SSSR. Predstavleno akademikom D.I. Shcherbakovym.

(Rocks, Igneous--Analysis) (Scandium)

BORISENKO, Ye.N.; BORISENKO, L.F.

Volchonskoite from red beds in the Kama Valley. Trudy Min.muz.  
no.13:153-160 '62. (MIRA 1642)  
(Kama Valley—Volchonskoite)

BORISENKO, L.F.

Find of scandium in the remains of Tertiary fish bones. Trudy  
IMGRE no.7:65-70 '61. (MIRA, 16:11)

BORISENKO, L.F.

BORISENKO, L.F.; BELITSIN, L.M.

Scandium in the ultrabasic minerals of the Tagil-Baranchinskiy  
Massif (Urals). Trudy Min.nuz. no.16:45-55 '65.

(MIRA 18:8)

BORISENKO, L.F.; SERDOBOVA, L.I.

Distribution of titanium, vanadium, chromium, and nickel in the ultrabasites of a platinum-bearing belt (Urals). *Geochemistry* no.3:348-359 Mr '65. (MIRA 18:7)

1. Institute of **Mineralogy**, Geochemistry, and Crystallography of Rare Elements, Moscow.

BORISENKO, L.F.

Some characteristics of the distribution of gallium in ultrabasites. Geokhimiia no.8:746-753 Ag '63. (MIRA 16:9)

1. Institute of Mineralogy, Geochemistry and Crystal Chemistry of Rare Elements Academy of Sciences, U.S.S.R., Moscow.

BORISENKO, L.I., inzh.; KOLOKOLOV, M.V., inzh.

Concerning some designations in transistor circuits. Avtom.  
telem. i sviaz' 8 no.2:13-15 F '64.                      (MIRA 17:6)

KOLOKOLOV, M.V., inzh.; BORISENKO, L.I., inzh.

Reliability of transistor switching circuits. Avtom., telem. i  
sviaz' 9 no.7:5-7 JI '65. (MIRA 18:8)

BORISENKO, L.M.

Some characteristics of algebraic curves and their application to  
problems in the synthesis of mechanisms. Trudy Inst.mash.Sem.pc  
teor.mash. i mekh. 23 no.89/90:100-110 '62. (MIRA 15:6)  
(Mechanical movements) (Curves, Algebraic)

BORISENKO, L.N.

Freudenstein's theorem and some graphoanalytic methods for the analysis  
and synthesis of four-bar linkages. Trudy Inst.mash.Sem.po teor.mash.  
i mekh. 23 no.89/90:36-49 '62. (MIRA 15:6)  
(Mechanical movements)

I 34344-66 EWT(d) IJP(c)  
ACC NR: AP6007893

SOURCE CODE: UR/0420/85/000/002/0051/0058

AUTHOR: Borisenko, L. N.

ORG: None

TITLE: The application of tangential coordinates to problems of the synthesis of four-component mechanisms with progressive couples

SOURCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 2, 1965, 51-58

TOPIC TAGS: coordinate system, mathematic analysis, mechanics

ABSTRACT: The studies of I. I. Artobolevskiy ("Dokl. AN SSSR" vol. 132, no. 1, 1960; vol. 139, no. 4, no. 5, no. 6, 1961) aimed at finding and investigating the envelopes of a family of straight lines of a connecting plane have led to an interest in the theory of these curves. The present author applies tangential coordinates for the solution of the problem of synthesis according to conditions of the straight line of a connecting plane of mechanisms with progressive couples, which linearly envelop connecting curves previously obtained by Artobolevskiy. Orig. art. has: 17 formulas and 7 figures.

SUB CODE: 20/12 / SUBM DATE: none / ORIG REF: 066

Card 1/1 ULR

BORISENKO, L.N.

Application of tangential coordinates to the problems in  
the theory of machines and mechanisms. Teor. mash. i mekh.  
no.94/95:26-33 '63. (MIRA 16:11)

BORISENKO, I.N. (Khar'kov)

Plotting Hurmester's curves and points according to a given  
motion of Boll's point. Prikl. mekh. 1 no.9: 19-23 '65.  
(MIRA 18:10)

I. Khar'kovskiy aviatsionnyy institut.

L 27088-66 EWT(1)/T IJP(c)

ACC NR: AF6006431

SOURCE CODE: UR/0420/65/000/003/0014/0019

AUTHOR: Borisenko, L. N.; Taranova, G. M.

ORG: none

TITLE: On the instantaneous acceleration center of a free solid

SOURCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 3, 1965, 14-19

TOPIC TAGS: acceleration, solid kinematics

ABSTRACT: The authors present and discuss three methods of obtaining the instantaneous center of acceleration of a free solid. The theoretical solution of this problem entails very complicated derivations. Consequently simpler methods are of interest. The methods described were developed at the Seminar of the Theoretical Mechanics Department of the Khar'kov Aviation Institute. All three methods involve determination of the location of the instantaneous center by determining the projections of its vector relative to a specified origin, but the reference frames and the projections are different in the three methods. One of the methods was proposed by Professor Ya. L. Geronimus, the second by G. M. Taranova, and the third by L. N. Borisenko. Orig. art. has: 6 figures and 15 formulas.

SUB CODE: 20, 12/ ORIG REF: 002/ DATE SUBM: 00

Card 1/1 *fv*

26  
Bf1

СОВЕТСКОЕ, Д. В., (1954)  
Dissertation: "Some Questions on the Theory of Turborotary Boring of Sloping Walls."  
Cand Tech Sci, Moscow Order of the Labor Red Banner Petroleum Inst imeni I. M. Gubkin,  
15 Jun 54. (Vechernyaya Moskva, Moscow, 4 Jun 54)

SO: SUM 318, 23 Dec 1954

L 23734-66 ENT(d) LJP(c)

ACC NR: AP6007887

SOURCE CODE: UR/0420/65/000/002/0009/0012

AUTHOR: Borisenko, L. N.

ORG: none

TITLE: The envelope of a family of trajectory of points moving under the influence of a central force

SOURCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 2, 1965, 9-12

TOPIC TAGS: trajectory determination, hodograph, mathematic analysis

ABSTRACT: This article examines the following problem: to find the envelope of a trajectory of points moving under the effect of a central force, inversely proportional to the square of the distance from the center, if the initial position and the modulus of the initial velocities of these points are identical. The problem has been solved elsewhere by means of extremely simple geometric concepts. The present author presents a solution based on the geometric properties of the trajectory of a point and its velocity hodograph, obtained by Ia. L. Geronimus (O nekotorykh svoystvakh dvizheniya pod deystviyem tsentral'noy sily. Trudy KhAI, vyp. 15, izd-vo KhGU, 1954). The problem is reduced to finding the envelope of a family of curves, similar to velocity hodographs. Orig. art. has: 3 figures.

SUB CODE: 19 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 001

Card 1/1

DUKHININ, Aleksey Pavlovich, dotsent [deceased]; SOLOV'YEV, Yevgeniy Matveyevich, dotsent. Primal uchastiye: BORISENKO, L.V., kand.tekhn.nauk. TIMOFEYEV, N.S., inzh., retsenzent; PETROVA, Ye.A., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Drilling oil and gas wells] Burenie neftiannykh gazovykh skvazhin. Moskva, Gos.nauchno-tekhn.izd-vo نفت. i gorno-toplivnoi lit-ry, 1959. 495 p. (MIRA 12:11)  
(Oil well drilling)

BORISENKO, L.V.; SHATSOV, N.I.

Using tanning extract for processing drilling fluids. Trudy MINKHIGP  
no.40:73-85 '63. (MIRA 16:4)

(Oil well drilling fluids)

BORISENKO, M.M.

Methods for increasing the efficiency of barometric leveling.  
Vest. LGU 19 no.12: 95-102 '64 (MIRA 1788)

BORISENKO, M.M.

Methods for the measurement of pressure at stations using the  
MBNP microaneroid barometer and accuracy of the results working  
with it. Vest. LGU 19 no.24:122-131 '64 (MIRA 18:1)

BORISENKO, M.M.

Evaluating the precision of barometric leveling in various geographical conditions. Izv. Vses. geog. ob-va 96 no.6:502-505  
N-0 '64 (MIRA 18:1)

USSR / Farm Animals, Cattle

Q-2

Abs. Jour: Ref Zhur-Biol., No 2, 1958, 7156

Author : V. T. Morozov, M. V. Borisenko.

Inst : Kherson Agricultural Institute

Title : Efficient Feeding of Dairy Cows with Green Corn and  
Corn Silage

Orig Pub: Nauchn. zap. Khersonsk. s-kh. in-t, 1957, vyp.  
6, 248-258

Abstract: The feeding of large amounts of corn green mass of and corn silage supplemented by small amounts of concentrates (which provided a content of 130 grams of digestible protein per one feed unit) resulted in an increase of the daily milk production of cows by one to two kilograms, an increase of the fat content in milk by 0.25-0.35 percent, and an increase of albumin by 0.18-0.38 percent.

Card 1/2

USSR / Farm Animals, Cattle

Q-2

Abstr Jour: Ref Zhur-Biol., No 2, 1958, 7156

Abstract: The cows' organism assimilates the non-albumin nitrogen of green corn and corn silage as well as albumin nitrogen. An increase of digestible proteins up to 155 grams to a feed unit, at the expense of sunflower cake, at a milk yield of 14-16 kilograms, did not increase milk production, but increased an unproductive consumption of albuminous fodder and lowered the quality of butter.

Card 2/2

9

USSR/Farm Animals: Swine

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101149

Author : Kodinets, G.A., Borisenko, M.V.

Inst : -

Title : Effects of Ultraviolet Irradiation upon the  
Growth and Development of Young Fattened Pigs.

Orig Pub: Svinovodstvo, 1958, No. 2, 37-38

Abstract: When piglets were irradiated for 12-20 minutes  
with a PRK-2 mercury-quartz lamp at a distance  
of 1-1.5 meters, their weight gains increased  
by 22.9 percent as compared with the control  
group (not irradiated).

Card 1/1

COUNTRY : USSR  
CATEGORY : Farm Animals.  
The Honeybee. Q  
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12115  
AUTHOR : Borisenko, M. V.  
IND. :  
TITLE : Spraying of Dry Areas when Expanding the Nests  
of Bee Colonies.  
ORIG. PUB. : Pchelovodstvo, 1958, No 5, 12-14  
ABSTRACT : In spring frames which were sprayed with 0.3-  
0.5 liters of sugar solution (1 : 1) were  
placed under some colonies while others were  
given dry frames but obtained the same amount  
of the sugar solution in feeding containers  
which were placed on top. On the sprayed  
frames bee eggs appeared in 84.8 percent of  
the cases during the first 4 days, but on the  
dry frames only in 58.5 percent of the cases.

Card: 1/1

BORISENKO, N.

5TS4S kenotrons instead of the VO-188 type

Radio, 29, no. 3, 1952

BORISENKO, N. A.

20689. Borisenko, N.A. Pusk asinkhromnykh elektrodvigatelyey ot odnogo puskovogo reostata. Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1949, No. 6, s. 41

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

SCV-127-5B-3-3/24

AUTHORS: Borisenko, N.D. and Shugayev, I.A., Mining Engineers

TITLE: Open-pit Exploitation of the Samotkanskoye Deposit (Razrabotka Samotkanskogo mestorozhdeniya otkrytym sposobom)

PERIODICAL: Gornyy zhurnal, 1958, Nr 3, pp 12 - 17 (USSR)

ABSTRACT: This article describes the projected method of exploitation of the Samotkanskoye deposit of titanium ores. The project was developed by the Institute GSPI-1 and the authors who took part in its elaboration give a detailed description of the future exploitation. The deposit is formed by the sand formations of the Sarmatian stage and are covered by the Quaternary formations 6 to 60 m thick. At present, work started for the removal of these formations, and the construction of the railway siding and of the road for trucks, is nearing completion. There are 2 tables, 1 map and 2 diagrams.

ASSOCIATION: Institut GSPI-1 (The GSPI-1 Institute)

1. Titanium ores--Production
2. Mining engineering

Card 1/1

BORISENKO, N.F.

Study of certain principles in the seventh grade  
Fiz. v shkole no. 5, 1952

MINSKIY, I.A.; BORISENKO, N.F.; CHICHIKALO, D.I.

Pay proper attention to preventive sanitary inspection. Vrach. delo  
no. 1:100-101 '61. (MIRA 14:4)

1. Cherkasskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.  
(CHERKASSY PROVINCE--PUBLIC HEALTH)

GERLING, E.K.; LOBACH-ZHUCHENKO, S.B.; BORISENKO, N.F.

New data on the absolute age of the Jotnian of the Baltic Shield.  
Dokl. AN SSSR 166 no.3:674-677 Ja '66.

(MIRA 19:1)

1. Laboratoriya geologii dokembriya AN SSSR. Submitted October 13,  
1965.

BORISENKO, N.G.

"Duration of Acute Dysentery in Adults Treated With Antibiotics,"

p. 318 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgiz, 1957.

Borisenko, N. G., Danileychenko, I. A., Kirichinshaya, I. A.,  
Chapurskaya-Bezhenova, N. A., Yanchenko, T. F., Golub, N. F., Chudnaya, L. M.,  
and Chernova, I. A.

Detection of abortive and latent forms of poliomyelitis and of the  
"healthy" virus carriers in the closest environment of the patient. 295

Materialy nauchnykh konferentsii, Kiev, 1959. 288pp  
(Kieskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)